

Do Now -

Arrange the following data regarding celebrities birthday months from first month (January) to last (December). Create a box plot based upon that data.

Lebron James 12-30-1984
George Washington 2-22-1732
Lucy Liu 12-2-1968
Beyonce Knowles 09-4-1981
Helen Keller 06-27-1880
Martin Luther King Jr. 1-15-1929
Drake 10-24-1986
Ann Frank 06-12-1929
Nancy Reagan 07-06-1929
Salma Hayek 9-2-1966

- *“Median birthday is the birthday which half of the celebrity's birthdays are before the individual, and half the celebrity's are after their birthday (Ann Frank)”*
- *“Minimum birthday is the first birthday of the year (MLK)”*
- *“Maximum birthday is the last birthday of the year (LeBron James)”*
- *“1st quartile, a quarter of the birthdays are within this time frame, 3 quarters is after (Helen Keller)”*
- *“3rd quartile, a quarter of the birthdays are after the third quartile, 3 quarters is before (Drake)”*

You will be required to answer the following questions:

1. Who has the median birthday?
2. Who has the minimum birthday?
3. Who has the maximum birthday?
4. Who has the 1st quartile birthday?
5. Who has the 3rd quartile birthday?
6. Whoever's first name is closest to A, do they fall above or below the first quartile?

Exit Ticket

How can working and communicating with your peers be beneficial outside of math class?